

1. A method for recording and recalling data associated with a location, the method comprising:

using a location aware device to determine a current location;

5 recording a location bookmark for the current location using the location aware device, a location bookmark having a bookmark location and bookmark content, the bookmark location comprising the current location and the bookmark content comprising data associated with the current location;

storing the location bookmark;

10 detecting at some later time that a location of the location aware device is within a specified proximity to the bookmark location and that a user-defined condition is satisfied by the bookmark content; and

automatically notifying a user of the location aware device of the location bookmark.

2. The method of claim 1, wherein a current location is determined by:

15 using a global positioning system receiver;

using an inertial navigation system; or

receiving a wireless data transmission indicating the current location transmitted by a server in a cellular network that used a signal received by a cellular tower from the location aware device to determine a geographic location of the location aware device based on the signal.

3. The method of claim 1, wherein:

bookmark content comprises multimedia content captured at the current location.

4. The method of claim 3, wherein:

bookmark content further comprises descriptive content describing at least one of the

25 following:

the current location;

the time of recording the location bookmark;

the environmental conditions at the current location; or

the multimedia content captured at the current location.

5. The method of claim 1, wherein:

the bookmark location and the bookmark content are stored in a searchable database as key-value pairs having user-defined keys and values.

6. The method of claim 1, further comprising:

5 displaying a plurality of location bookmarks to a user, wherein the location bookmarks are grouped:

by bookmark location;

by subject matter of the bookmark content; or

chronologically by time of recording the location bookmarks.

10 7. The method of claim 1, wherein recording a location bookmark for the current location comprises recording at least one of the following:

latitude and longitude of the current location; or

universal transverse Mercator coordinates of the current location.

15 8. The method of claim 7, further comprising recording an elevation of the current location as part of the location bookmark.

9. The method of claim 1, wherein automatically notifying a user of the location aware device of the location bookmark comprises emitting a signal from the location aware device detectable by the user, including an audio signal, visual signal or a mechanical signal including a vibration.

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10. A device, comprising:
 - means for determining a current location of the device;
 - means for obtaining data associated with the current location of the device;
 - means for recording a location bookmark, a location bookmark including a bookmark
- 5 location comprising the current location and bookmark content comprising data associated with the current location;
 - means for storing the location bookmark;
 - means for retrieving the location bookmark from storage; and
 - means for determining that the device is close to the bookmark location of a
- 10 previously-stored location bookmark and that a user-defined condition is satisfied by the bookmark content and automatically notifying a user of the device of the previously-stored location bookmark.

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11. The device of claim 10, wherein:

the means for determining a current location comprise:

a receiver for receiving a wireless data transmission indicating the current location transmitted by a server in a cellular network that used a signal received by a cellular tower from the location aware device to determine a geographic location of the location aware device based on the signal; or

a global positioning system receiver;

the means for obtaining data comprise a digital camera, voice recorder and keypad;

the means for recording a location bookmark comprise a memory element

10 incorporated in the device;

the means for storing the location bookmark comprise a transmitter for transmitting the bookmark to a remote server;

the means for retrieving the location bookmark comprise a receiver for receiving the location bookmark from storage;

15 the means for determining that the device is close to the location of a

previously-stored location bookmark comprise a processor programmed to compare the current location of the device with the bookmark locations of a set of previously-stored location bookmarks in reference to user-defined radius of interest;

the means for determining that a user-defined condition is satisfied by the bookmark

20 content comprise a processor programmed to query the bookmark content of a set of previously-stored location bookmarks in reference to a user-defined condition; and

data associated with the current location comprises multimedia content captured at the current location and descriptive content about the current location, time of capture, environmental conditions or the multimedia content.

25 12. The device of claim 11, wherein:

the memory element is a volatile semiconductor memory or a non-volatile semiconductor memory or a microdisk.

13. The device of claim 10, wherein:

the bookmark location and bookmark content are stored in a searchable database as

30 key-value pairs having user-defined keys and value.

14. A device comprising:

means for determining a current location of the device;

means for retrieving a location bookmark from a set of previously-stored location bookmarks, a location bookmark including a location and data associated with the location;

5 and

means for determining that the device is close to the location of a previously-stored location bookmark and that a user-defined condition is satisfied by the data associated with the location and automatically notifying a user of the device of the previously-stored location bookmark.

10 15. The device of claim 14, wherein:

the means for determining a current location comprise:

a receiver for receiving a wireless data transmission indicating the current location transmitted by a server in a cellular network that used a signal received by a cellular tower from the location aware device to determine a geographic location of the location aware

15 device based on the signal; or

a global positioning system receiver;

the means for retrieving the location bookmark comprise a receiver for receiving the location bookmark from a remote server;

the means for determining that the device is close to the location of a

20 previously-stored location bookmark comprise a processor programmed to compare the current location of the device with the locations of a set of previously-stored location bookmarks in reference to user-defined radius of interest; and

the means for determining that a user-defined condition is satisfied by the data associated with the location comprise a processor programmed to query the data of a set of previously-stored location bookmarks in reference to a user-defined condition.

16. A system, comprising:

a device operable to determine a current location of the device;

a set of location bookmarks, a location bookmark including a bookmark location and bookmark content comprising data associated with the bookmark location;

5 a processor programmed to determine:

whether the device is close to the bookmark location of a location bookmark in the set of location bookmarks by comparing the current location of the device with the bookmark locations of the set of location bookmarks in reference to a user-defined radius of interest; and

10 whether a user-defined condition is satisfied by the bookmark content by querying the bookmark content of the set of location bookmarks in reference to a user-defined condition; and

15 a means for automatically notifying a user of the device that there is a location bookmark having a bookmark location close to the current location of the device and having bookmark content satisfying a user-defined condition.

17. The system of claim 16, wherein the device includes:

a receiver for receiving a wireless data transmission indicating the current location transmitted by a server in a cellular network that used a signal received by a cellular tower from the location aware device to determine a geographic location of the location aware

20 device based on the signal; or

a global positioning system receiver.

18. A device, comprising:

means for determining a current location of the device;

means for receiving a set of location bookmarks, a location bookmark including a bookmark location and bookmark content comprising data associated with the bookmark
5 location;

a processor programmed to determine:

whether the device is close to the bookmark location of a location bookmark in the set of location bookmarks by comparing the current location of the device with the bookmark locations of the set of location bookmarks in reference to a user-defined radius of
10 interest; and

whether a user-defined condition is satisfied by the bookmark content by querying the bookmark content of the set of location bookmarks in reference to a user-defined condition; and

means for automatically notifying a user of the device that there is a location
15 bookmark having a bookmark location close to the current location of the device and having bookmark content satisfying a user-defined condition.